

Appl No. 10/722,996
Atty Docket No. 7768MD
Response Dated June 20, 2005
Reply to Office Action of January 19, 2005

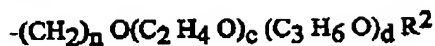
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Previously Presented) The composition of Claim 30 wherein said cyclodextrin is selected either from the group consisting of beta-cyclodextrin, alpha-cyclodextrin, gamma-cyclodextrin, derivatives of said cyclodextrins, and mixtures thereof or from the group consisting of methyl substituted cyclodextrins, ethyl substituted cyclodextrins, hydroxyalkyl substituted cyclodextrins, branched cyclodextrins, cationic cyclodextrins, quaternary ammonium cyclodextrins, anionic cyclodextrins, amphoteric cyclodextrins, cyclodextrins wherein at least one glucopyranose unit has a 3-6-anhydro-cyclomalto structure, and mixtures thereof.
4. (Original) The composition of Claim 3 wherein said cyclodextrin is either methylated beta-cyclodextrin; a mixture of methylated alpha-cyclodextrin and methylated beta-cyclodextrin; hydroxypropyl beta-cyclodextrin; or a mixture of hydroxypropyl alpha-cyclodextrin and hydroxypropyl beta-cyclodextrin.
5. (Previously Presented) The composition of Claim 31 wherein said perfume is hydrophobic and said hydrophobic perfume is formed into an emulsion having particles of at least 0.01 micron in diameter before said cyclodextrin is present using a surfactant material selected from the group consisting of: cyclodextrin compatible surfactants; polymers containing both hydrophobic and hydrophilic portions; and/or cationic fabric softening actives that form stable vesicles in the desired particle size range.
6. (Original) The composition of Claim 5 wherein said surfactant material comprises siloxane surfactant having the general formula:
$$R^1-(CH_3)_2SiO-[(CH_3)_2SiO]_a-[(CH_3)(R^1)SiO]_b-Si(CH_3)_2-R^1$$

wherein a + b are from about 1 to about 50, and each R¹ is the same or different and is selected from the group consisting of methyl and a poly(ethyleneoxide/propyleneoxide) copolymer group having the general formula:

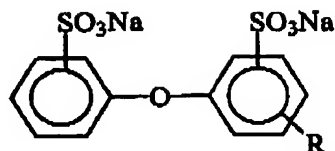
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with at least one R^1 being a poly(ethyleneoxide/propyleneoxide) copolymer group, and wherein n is 3 or 4; total c (for all polyalkyleneoxy side groups) has a value of from 1 to about 100; total d is from 0 to about 14; total $c + d$ has a value of from about 5 to about 150; and each R^2 is the same or different and is selected from the group consisting of hydrogen, an alkyl having 1 to 4 carbon atoms, and an acetyl group.

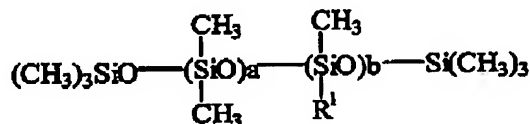
7. (Original) The composition of Claim 6 wherein in said siloxane surfactant, $a + b$ is from about 3 to about 30; n is 3; c is from about 6 to about 100; total d is from 0 to about 3; total $c + d$ is from about 9 to about 100; and each R^2 is hydrogen and/or methyl group.
8. (Original) The composition of Claim 5 wherein said surfactant material comprises block copolymer containing hydrophobic portions which monomers that are hydrophobic and hydrophilic portions which comprise monomers that are hydrophilic, said block copolymer having a molecular weight of from about 1,000 to about 1,000,000, and the ratio of hydrophilic portion to hydrophobic portion being from 20/80 to about 90/10.
9. (Original) The composition of Claim 8 wherein said block copolymer contains hydrophilic portions which comprise monomers that are hydrophilic and at least partially charged, said block copolymer having a molecular weight of from about 5,000 to about 250,000, and the ratio of hydrophilic portion to hydrophobic portion being from 30/70 to about 75/25.
10. (Original) The composition of Claim 9 wherein said block copolymer has a molecular weight of from about 10,000 to about 100,000, and the hydrophobic monomers are selected from the group consisting of: poly butyl acrylate; poly acrylamide; poly butylaminoethyl methacrylate; and/or poly octylacrylamide.
11. (Original) The composition of Claim 5 wherein said cyclodextrin compatible surfactant is selected from the group consisting of: block copolymers of ethylene oxide and propylene oxide; polyalkyleneoxide polysiloxanes; alkylidiphenyl oxide disulfonate anionic surfactant having the general formula:

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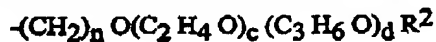


wherein R is an alkyl group; castor oil surfactant; sorbitan ester surfactant; polyethoxylated fatty alcohol surfactant; glycerol mono-fatty acid ester surfactant; polyethylene glycol fatty acid ester surfactant; fluorocarbon surfactant; and mixtures thereof.

12. (Original) The composition of Claim 11 wherein said cyclodextrin-compatible surfactant is a castor oil surfactant.
13. (Original) The composition of Claim 11 wherein said surfactant is a block copolymer of ethylene oxide and propylene oxide said block copolymer optionally the general formula $H(EO)_n(PO)_m(EO)_nH$, wherein EO is an ethylene oxide group, PO is a propylene oxide group, and n and m are numbers that indicate the average number of the groups in the surfactants, n ranges from about 2 to about 100 and m ranges from about 10 to about 100.
14. (Original) The composition of Claim 5 wherein said surfactant is polyalkyleneoxide polysiloxane having the general formula:



wherein a + b are from about 1 to about 50, and R^1 is mainly one or more random poly(ethyleneoxide/propyleneoxide) copolymer groups having the general formula:



wherein n is 3 or 4; total c (for all polyalkyleneoxy side groups) has a value of from 1 to about 100; total d is from 0 to about 14; total c+d has a value of from about 5 to about 150; and each R^2 is the same or different and is selected from the group consisting of hydrogen, an alkyl having 1 to 4 carbon atoms, and an acetyl group.

15. (Previously Presented) The composition of Claim 30 containing from about 0.001% to about 3% by weight of the composition of water soluble anionic polymer for improved odor control.

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16. (Original) The composition of Claim 15 wherein said water soluble anionic polymer is polyacrylate at a level of from about 0.005% to about 2% by weight of the composition.
17. (Previously Presented) The composition of Claim 30 containing 0.005 to about 3% by weight of composition of water soluble zinc salt for improved odor control.
18. (Previously Presented) The composition of Claim 30 wherein said composition further comprises at least about 0.01%, by weight, of a soil suspending agent selected from the group consisting of a water-soluble substituted or unsubstituted, modified or unmodified polyalkyleneimine soil suspending agent, said soil suspending agent comprising a polyamine backbone.

Claims 19-29 (Cancelled)

30. (Currently Amended) An odor-absorbing or neutralizing concentrated composition useable as an additive in one, or more, steps of a laundry process comprising solubilized, uncomplexed cyclodextrin; from about 0.0005 to about 1 weight percent of an effective amount of odor blocker; and from about 0.01 to about 1 weight percent of a an effective amount of class I and/or class II aldehyde; said composition containing at least enough of said cyclodextrin to provide significant reduction in malodor that survives a typical laundry wash, having a pH of more than about 3, said composition being suitable for use as an additive in pretreating, washing, and/or rinsing of fabrics, wherein said composition is packaged in association with instructions to use it in at least an effective amount in at least one step in a laundry process to counteract malodors that remain after said laundry process.
31. (Previously Presented) The composition of Claim 30 further comprising a perfume, wherein said cyclodextrin is present at a level of from about 0.01% to about 60% by weight of the composition and wherein said perfume is present at a level of from about 0.003% to about 0.5% by weight of the composition and contains at least about 60%, by weight of the perfume, of perfume ingredients that have a ClogP of more than about 3 and a molecular weight of more than about 210.
32. (Previously Presented) The composition of Claim 30 further comprising a perfume, wherein said cyclodextrin is present at a level of from about 0.01% to about 20% by weight of the composition and wherein said perfume is present at a level of from about 0.01% to about 0.3% by weight of

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the composition and contains at least about 70%, by weight of the perfume, of perfume ingredients that have a ClogP of more than about 3.5 and a molecular weight of more than about 220.

33. (Previously Presented) The composition of Claim 30 further comprising a perfume, wherein said cyclodextrin is present at a level of from about 0.1% to about 10%, by weight of the composition and wherein said perfume is present at a level of from about 0.05% to about 0.2%, by weight of the composition and contains at least about 80%, by weight of the perfume, of perfume ingredients that have a ClogP of more than about 3.5 and a molecular weight of more than about 220.